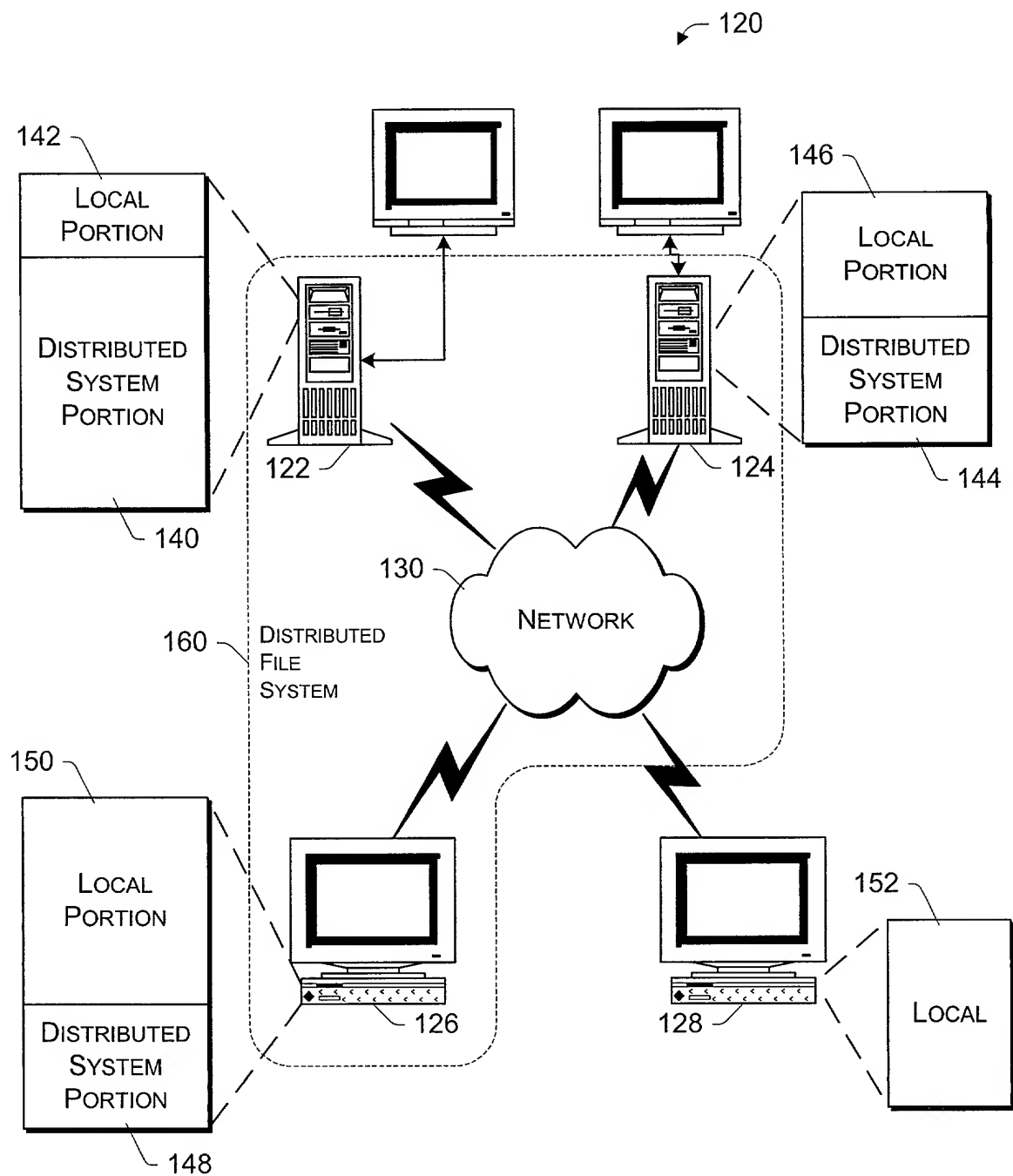
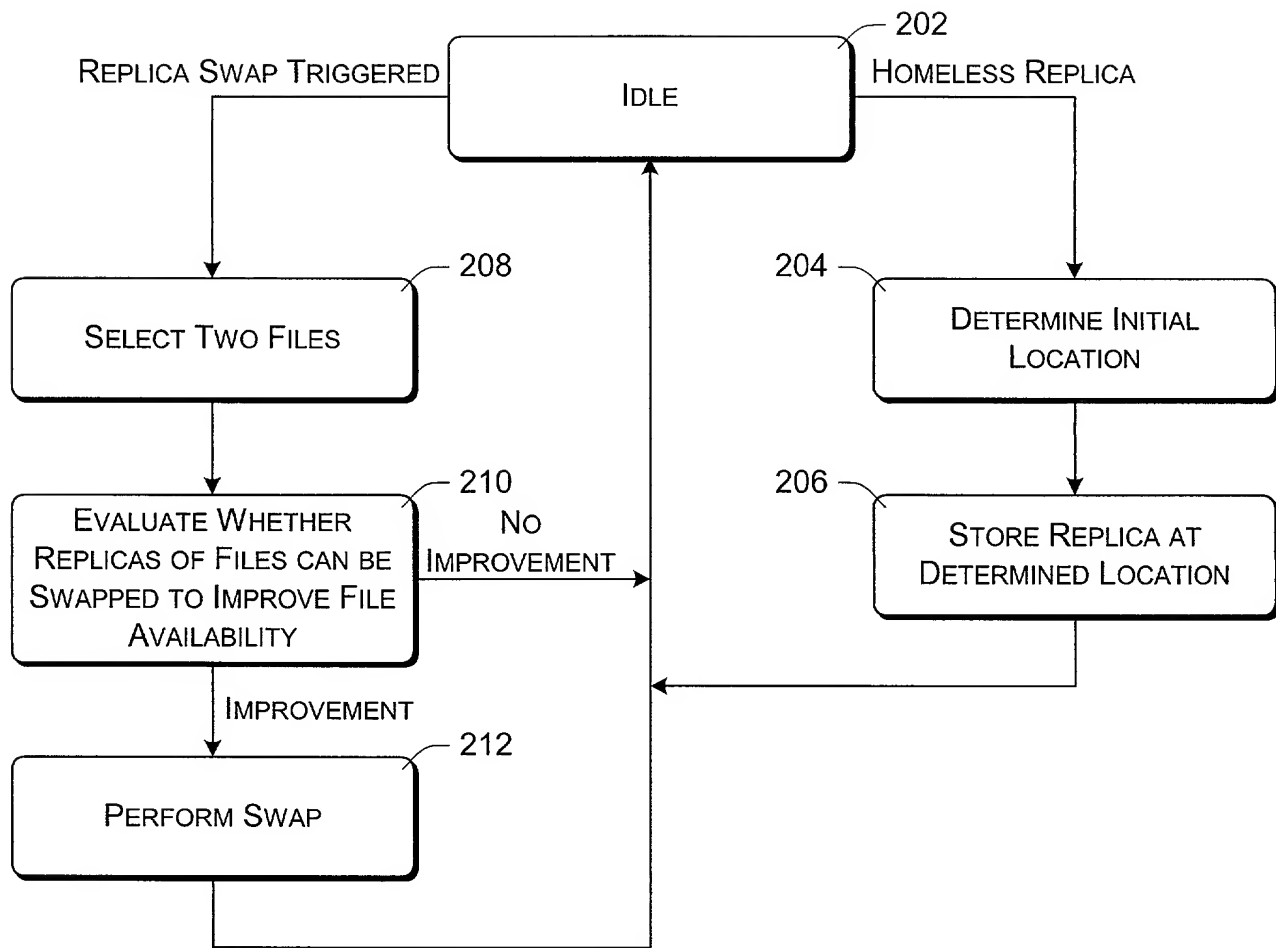
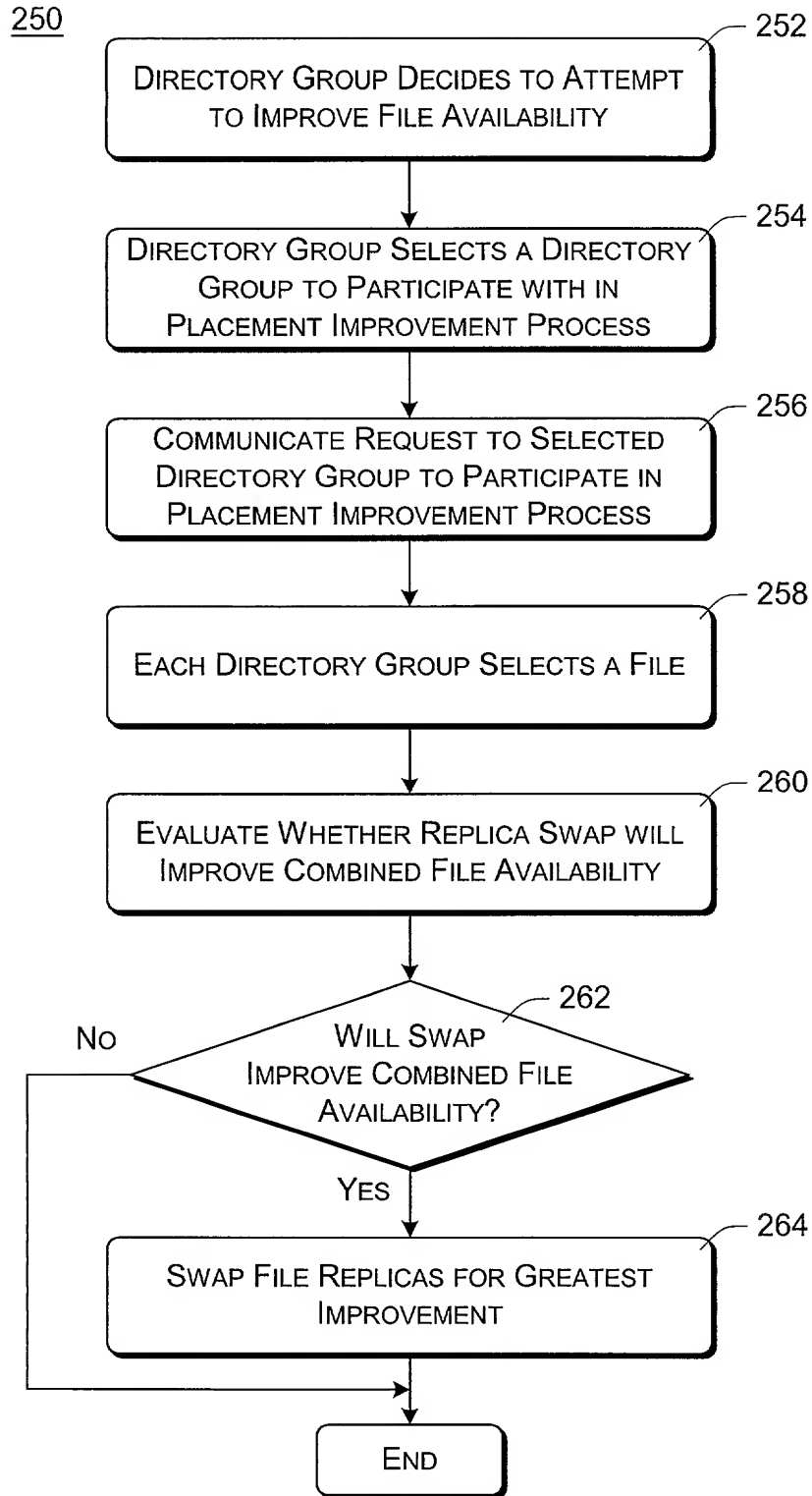
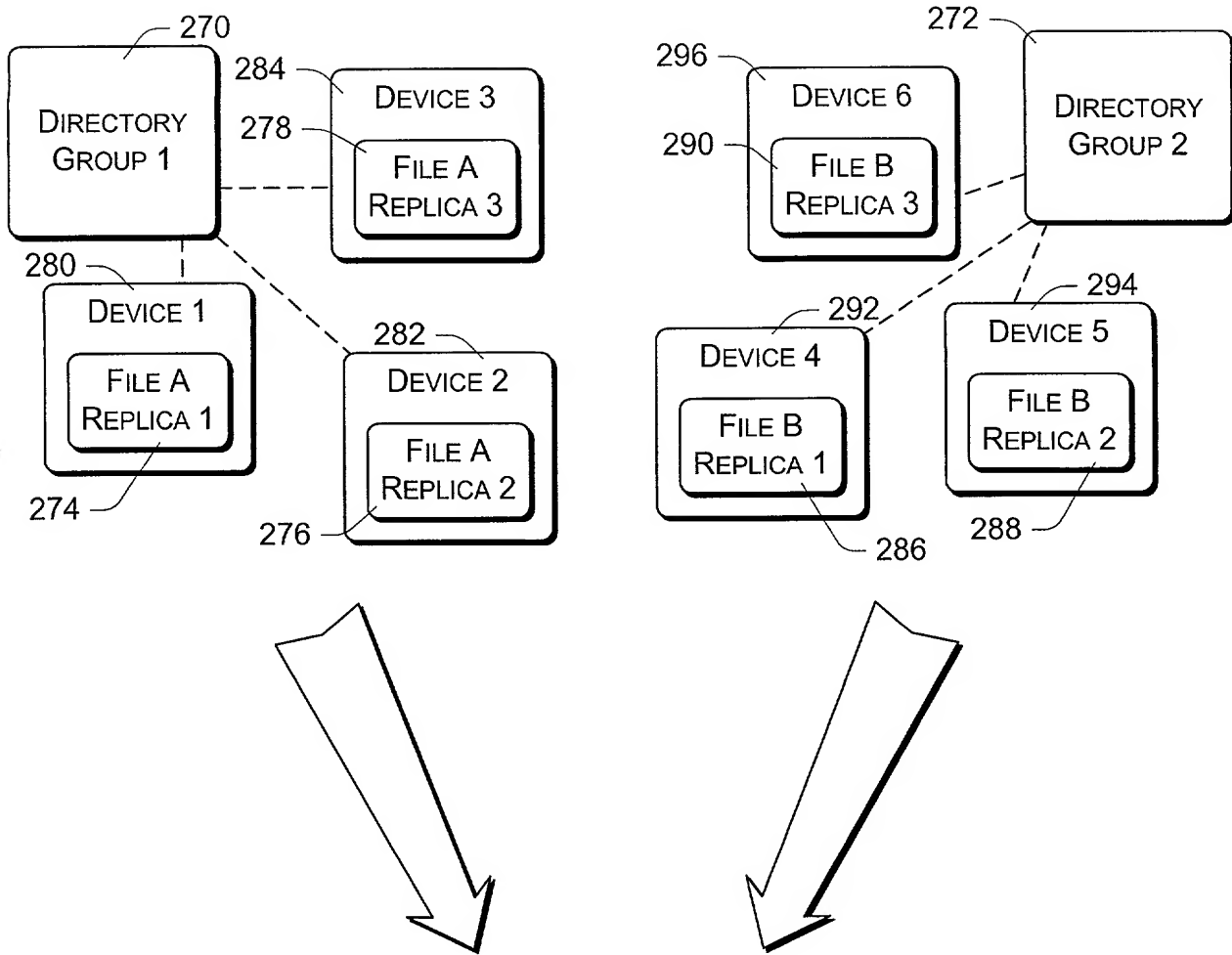


*Fig. 1*

*Fig. 2*

200*Fig. 3*

*Fig. 4*



300 → FILE A REPLICA 1 ↔<sup>SWAP</sup> FILE B REPLICA 1 → FILE AVAILABILITY RESULT

302 → FILE A REPLICA 1 ↔<sup>SWAP</sup> FILE B REPLICA 2 → FILE AVAILABILITY RESULT

304 → FILE A REPLICA 1 ↔<sup>SWAP</sup> FILE B REPLICA 3 → FILE AVAILABILITY RESULT

306 → FILE A REPLICA 2 ↔<sup>SWAP</sup> FILE B REPLICA 1 → FILE AVAILABILITY RESULT

308 → FILE A REPLICA 2 ↔<sup>SWAP</sup> FILE B REPLICA 2 → FILE AVAILABILITY RESULT

310 → FILE A REPLICA 2 ↔<sup>SWAP</sup> FILE B REPLICA 3 → FILE AVAILABILITY RESULT

312 → FILE A REPLICA 3 ↔<sup>SWAP</sup> FILE B REPLICA 1 → FILE AVAILABILITY RESULT

314 → FILE A REPLICA 3 ↔<sup>SWAP</sup> FILE B REPLICA 2 → FILE AVAILABILITY RESULT

316 → FILE A REPLICA 3 ↔<sup>SWAP</sup> FILE B REPLICA 3 → FILE AVAILABILITY RESULT

*Fig. 5*

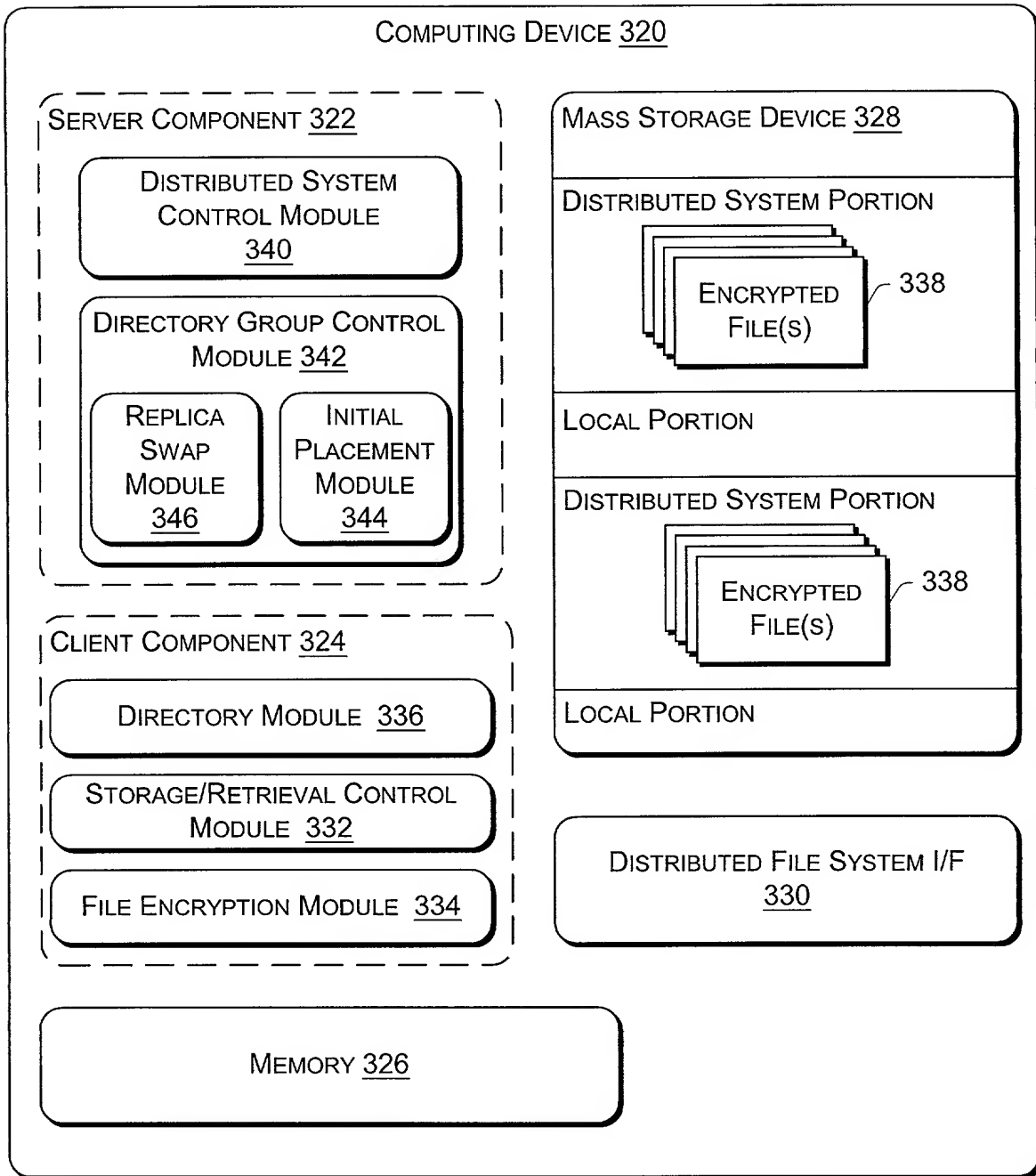


Fig. 6

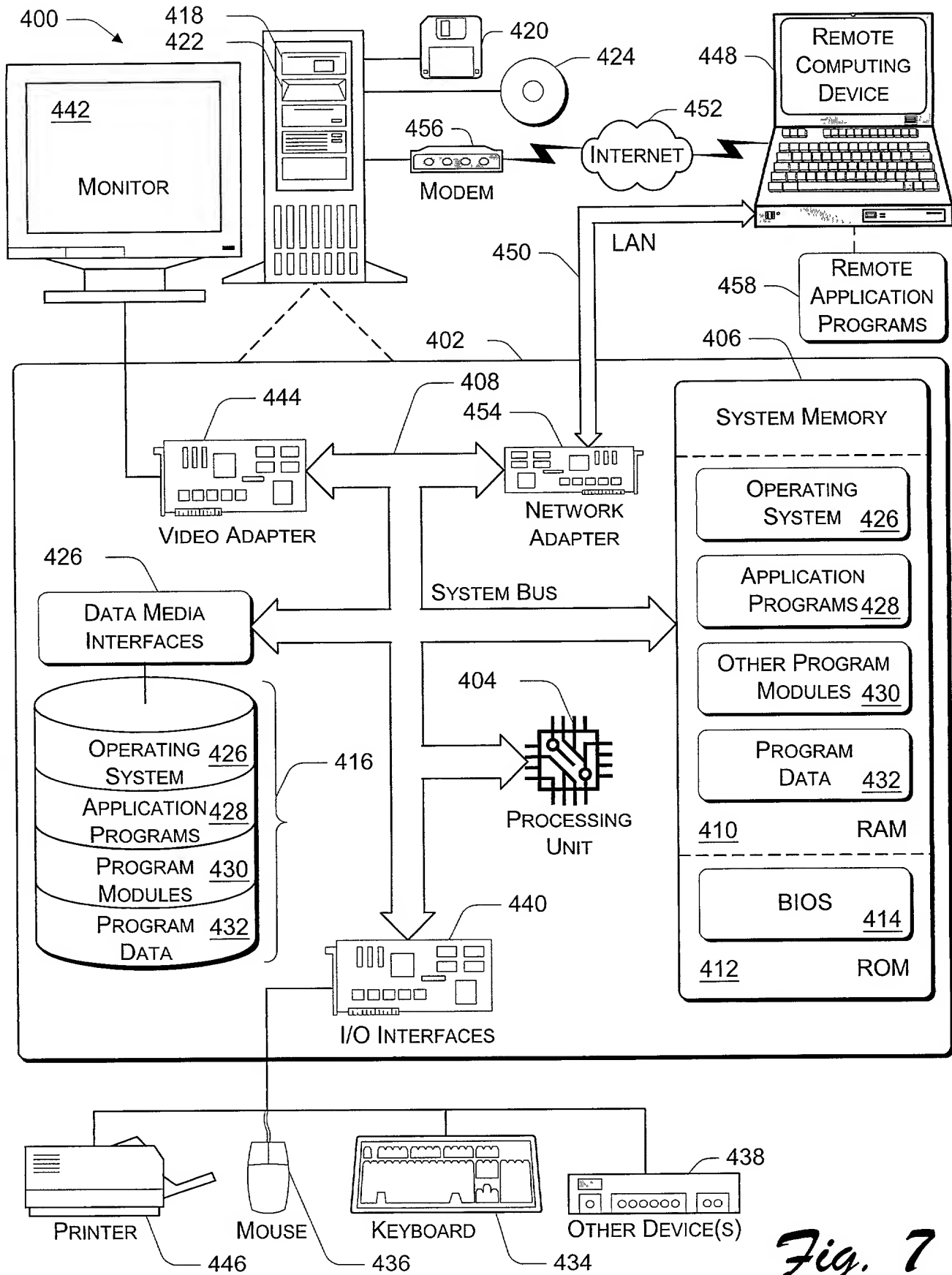


Fig. 7